

Date: Thu, 20 Oct 94 04:30:27 PDT  
From: Ham-Equip Mailing List and Newsgroup <ham-equip@ucsd.edu>  
Errors-To: Ham-Equip-Errors@UCSD.Edu  
Reply-To: Ham-Equip@UCSD.Edu  
Precedence: List  
Subject: Ham-Equip Digest V94 #383  
To: Ham-Equip

Ham-Equip Digest                      Thu, 20 Oct 94                      Volume 94 : Issue    383

Today's Topics:

Amateur Radio Trader  
ICOM IC-2410 DUAL BA  
Newbie question about HTs  
New Color Notebook - \$1000.00 obo  
WTB: Radar gun... (2 msgs)

Send Replies or notes for publication to: <Ham-Equip@UCSD.Edu>  
Send subscription requests to: <Ham-Equip-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Ham-Equip Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/ham-equip".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

-----  
Date: 19 Oct 1994 22:23:31 GMT  
From: scott@lvld.hp.com (Scott Turner)  
Subject: Amateur Radio Trader

Robert Wood (w5robert@blkbox.COM) wrote:  
: I have heard alot about this new "yellow sheets"  
: Amateur Radio Trader, but after getting one in the mail  
: it has ALOT of stuff and ads. They also seem to have a  
: very aggressive marketing scheme to mail their mag to  
: 100,000 different hams each month that don't subscribe yet.  
: (via w5yi) Is this the end of "yellow sheets"? Anyone  
: else seen this Trader and like/dislike it??

Yep. With three licences in the house, we've gotten quite a few issues :-)  
In general I like it. For those of you who are pilots/aircraft owners,  
it's put out by the same folks who do Trade-A-Plane, the bible of buying  
and selling aircraft. These folks have been doing this sort of thing  
for a long time. It's organized in a similar manner to TAP, with a \*LOT\*

of commercial ads, and the classifieds organized by brand and type of radio (Drake HF for sale, Drake HF wanted, Drake VHF/UHF for sale, wanted etc).

The organization is, I think, its greatest strength and advantage over the Ham Trader Yellow Sheets. It's much bigger than the Yellow Sheets, but that's mostly due to the wealth of commercial ads. The classified section seems to have about the same number of listings, but having them categorized sure helps you to narrow in on what you're looking for.

I don't remember the subscription costs, but I don't think they were too bad.

I currently subscribe to the Yellow Sheets. I may add the trader and decide which I like best long term. I've no idea how much duplication there is.

Scott Turner KG0MR scott@hpsla.LVLD.HP.COM

-----  
Date: Wed, 19 Oct 94 19:05:18  
From: kn4aq.gary@mms.raleigh.nc.us  
Subject: ICOM IC-2410 DUAL BA

Ne> I have an opportunity to buy a used IC-2410H dual band mobile at what  
Ne> appears to be a good price. I'd appreciate hearing from anyone with  
Ne> first hand experience with one.

Ne> 73, Jim WB1B

I've had a 2410H for about 2 years now, and I generally like it very much.

On the plus side, the receiver is more intermod-proof than several other radios I've used here (Alinco 590, Kenwood 733), even though it's a wide coverage receiver with good sensitivity over a wide range (including 800 MHz). It has a built-in duplexer, which is a plus if you're planning on using a dual-band antenna, but a minus if you're not.

On the minus side, the original microphone supplied yields low, tinny audio. My dealer gave me a new, different mic (an HM14).

On the so-so side, the buttons are a little on the small side, and they're not lighted, so night operation is hard. It's more or less complex, like most radios these days. Probably no worse than others (fewer features than my new Kenwood 733, and easier to use). I've had

to replace the pilot lights, but it wasn't too tough, and cheap replacements were available at Radio Shack. The "push-button" squelch seemed strange at first, but I've gotten used to it, and kind of prefer it now.

I guess I wouldn't get rid of mine cheap, especially because of the good receiver.

Good luck, 73,  
Gary KN4AQ, Raleigh NC  
--- Blue Wave/QWK v2.12

-----  
Date: 20 Oct 1994 01:44:21 GMT  
From: charnoft@wfu.edu (Forrest T Charnock)  
Subject: Newbie question about HTs

gthorbur@ub.com wrote:

: In article <380jlj\$40@orion.cc.andrews.edu> lees@andrews.edu (Steve C. Lee)  
writes:

: >i'm looking into buy an inexpensive HT. a couple of questions..

: > ...

: >what would be the better kind to buy (because i can't afford a dual

: >band) 2m or 70cm?

: >

: >steve

: Be sure to look into the ALINCO models. I am really pleased with my  
: DJ-F1T (2m only). Rugged, easily mod for extended rcv and/or xmit,  
: 40 memories, DTMF keypad, tiny. Best audio in a tiny HT. They also  
: have cheaper 2m models, too.

: The Radio Shack HTX-202 may still be on sale. Many people like this,  
: you get a lot for the money.

: A newcomer to the HT field showed up at the Boxboro MA ARRL Hamfest,  
: "Electro-Automatic" of Lawrence, Massachusetts (sorry no phone number  
: handy, call dir assist for 508 area code). They are marketing some  
: nice looking low priced models made by some factory in Taiwan that  
: they insist has lotsa experience making electronix for portable  
: computer companies.

: /\*\*\*

: Gary W. Thorburn gthorbur@ub.com KD1TE

: \*\*\*/

--

```

      *           *           *           *           *
Olin Physical Lab      |   The more the pity that fools may not speak
Wake Forest University |   wisely what wise men do foolishly.
Winston-Salem, NC     |   --Touchstone
KE4RJG                 |

```

-----

Date: Thu, 20 Oct 94 02:39:53 GMT  
From: randyrho@drycas.club.cc.cmu.edu  
Subject: New Color Notebook - \$1000.00 obo

New AST PowerExec 3/25SL-C Color Notebook Computer.

Color VGA LCD display  
80 MB hard disk  
1.44 MB floppy drive  
2 PCMCIA slots  
386 processor  
4MB ram  
(ram expandable to 32 MB)  
Serial, Parallel, Video and Mouse ports  
Socket for Math Coprocessor  
NiMH batteries

This machine is new, I bought it for field packet & contest use.  
Never got a chance to try it tho, unexpected financial problems etc.  
It will also work with pc-hffax and pc-sw1 and baycom.

\$1000.00 obo

Randy - KE3HB

-----

Date: Thu, 20 Oct 1994 01:58:22 GMT  
From: jnormandin@umassd.edu (JERRY NORMANDIN)  
Subject: WTB: Radar gun...

In article <CxrxDK.8Bq@news.Hawaii.Edu>, jeffrey@kahuna.tmc.edu (Jeffrey Herman) writes:

>billn@hpcvaac.cv.hp.com (bill nelson) writes:

>

>>orion1@iastate.edu (Alex Orion Leu) writes:

>

>>: 3. Laser was invented for the patrol because of two reasons. First, it is  
>>: tougher to detect because it diffuses very fast and doesn't carry the

>>: signature that sets many K or X radar detectors off. Second, it gives a  
>>: much stronger signal as compared to K or X. With old radar it is very tough  
>>: to get small vehicles on radar, unless they go very fast.

>

>>This whole paragraph is silly.

>

>What's even more silly is the fact that you're cross posting this to  
>rec.radio.swap. Stop it!

>

>

READ The LASER DOPPLER TECHNIQUE by Dr. DRAIN and open your eyes!

-----

Date: Thu, 20 Oct 1994 01:54:47 GMT  
From: jnormandin@umassd.edu (JERRY NORMANDIN)  
Subject: WTB: Radar gun...

In article <1994Oct16.070748.22220@hpcvaac.cv.hp.com>, billn@hpcvaac.cv.hp.com  
(bill nelson) writes:

>jnormandin@umassd.edu (JERRY NORMANDIN) writes:

>: >I'll brush off the fact that there is no such thing as "Laser RADAR",  
>: >and comment that LIDAR accounts for only a small percentage of the  
>: >tax-collector's arsenal. It's cumbersome, expensive, may pose health  
>: >threats of its own (ie, shining coherent infrared laser light into the  
>: >eyes of millions of motorists year after year could be dangerous as  
>: >well - although not to Officer Friendly).

>

>: Doesen't the unit have to transmit a burst of light, pick it up on a  
>: photodetector, and calculate the time it took? And then try again calculate the  
>: difference.

>

>That is exactly how it works. However, the distance measuring is so precise,  
>that the two measurements can be made within fractions of a second of each  
>other.

>

>Bill

Well here it is, the publisher for the Laser Doppler Technique is:

John Wiley & Sons  
Offices in New York , Brisbane, & Toronto  
(c) 1980 John Wiley & Sons Ltd.  
it sells for \$59.95 hard copy  
It is written by L.E. Drain  
he works at the Atomic Energy Research Establishment in Harwell

FYI

Capter 1 Contents:

The Doppler Shift  
Optical Beating  
The Differential Doppler Technique

Chapter 2  
Geometrical Optics  
Wave Optics  
Interference  
The Michelson Interferometer  
Interference between two reflected beams  
The Fabry - Perot Interferometer  
Diffraction  
Diffraction at Focus  
Gaussian Beam Optics  
Light Detectors for LDA  
Photomultipliers (Duh)  
Derivation of the Doppler Shift  
Relativistic Doppler Shift  
Alternative Derivation of the Doppler Shift on Scattering  
Doppler Shifting by Diffraction Gratings  
Brownian Movement and the Doppler Shift

If you had college calculus you can understand the theory. It's not a nontechnical book. With the information provided you can make your own device (NO SCHEMATICS BUT ENOUGH THEORY SO IT WILL NOT BE A PROBLEM) And do some math, what is the best frequency of light for this device... use common sense. Infra Red causes Jitter so... please Mr. that tells me no such thing as Laser Doppler Radar that NASA already tested and the Air Force already has... tell me... what's the frequency Kenneth

MAN, I'm not just a hobbyist, It's how I earn a living. Check out the book it tells something about it

YOU WILL BE FASCINATED AND LEARN SOMETHING AT THE SAME TIME.

-----

End of Ham-Equip Digest V94 #383  
\*\*\*\*\*